Mathematics in School

Index to Volume 11 (1982)

No. 1 Jan, No. 2 Mar, No. 3 May, No. 4 Sep, No. 5 Nov.

Articles

Backhouse, J. K.	Rules in mathematics — or reasons?	*Mar 82*
Banks, B.	Workcard schemes	*Mar 82*
Bidwell, J. K.	Some functions on the digits of a number	*May 82*
Birnbaum, I.	Maxima and minima without calculus	*May 82*
Booth, L. R.	Getting the answer wrong	*Mar 82*
Booth, L. R.	Ordering your operations	*May 82*
Boyd, B.	Placing four tiles 2×1 on a 4×4 square: an investigation	*Jan 82*
Budden, F. J. and Sporton, T. M.	Some unsolved problems on binary codes	*May 82*
Burns, A.	The polygon trail	*Sep 82*
Conway, F.	Gradients and rates of change	*Jan 82*
Dahlke, R. M.	A sense of numeration history for the elementary school teacher	*May 82*
Dawes, C. G.	Warwickshire middle school mathematics project	*Nov 82*
Ede, J. D.	The duals of the Archimedean Polyhedra	*Mar 82*
Gardiner, C. F.	A recreational approach to mathematics	*Sep 82*
Hadar, N. and Hadass, R.	The trial-and-test method of solving storyproblems using calculators	*Jan 82*
Hadar, N. and Haddass, R.	The 4-weight problem — a pedagogical account	*Nov 82*
Haigh, G.	A commercially useful introduction to matrix operations	*Jan 82*
Haigh, G.	Some interrelated shapes	*Nov 82*
Hanson, B. S.	The statistics of sand grading	*Nov 82*
Hart, K., Turner, A. D. and Booth, L.	Mathematics–science links in the secondary school: case studies in four schools–Part 1	*Mar 82*
	Part 2	*May 82*
Hart, K., Turner, A. D. and Booth, L.	Mathematics–science links in the secondary school: liaison	*Sep 82*
Hoare, G. T. Q.	Mathematically gifted children at work: The Royal Institution Mathematics Master classes for young people	*Jan 82*
Hoare, G. T. Q.	Some reflections upon $\frac{1}{p}$ when p is prime	*Sep 82*
Hodges, E. J.	$\frac{1}{3}$ base × height	*Sep 82*
Ingle, R. B. and Turner, A. D.	Mathematics–science links in the secondary schools: a select bibliography	*Nov 82*
Jones, C.	Seeing through the window	*Nov 82*
Langdon, N.	Advertising mathematics	*Nov 82*
Litwiller, B. H. and Duncan, D. R.	Primes, pseudo-primes and products	*May 82*
MacKernan, J.	The merits of verbalism	*Sep 82*
Medley, D. G.	Mechanics and modelling	*May 82*
Melrose, J.	Books for teachers of 5–13 year-old pupils	*Mar 82*
Melrose, J.	The Mathematical Association diploma research project. Part 1	*Nov 82*
Mozoomdar, A.	Some properties of recurring decimals	*Jan 82*
Porteous, I. and Veevers, A.	Challenge on Merseyside	*Mar 82*
Quadling, D.	Paper chase	*Nov 82*
Rowland, T.	Teaching directed numbers. An experiment	*Jan 82*
Selkirk, K.	Polar zenithal map projections–Part 1	*Mar 82*
	Part 2	*May 82*
Selkirk, K.	Induction with matchsticks	*Nov 82*
Straker, A.	Mathematical giftedness: a short course for teachers and children	*Jan 82*
Thwaites, G. N.	Why do children find algebra difficult?	*Sep 82*
Turner, A. D.	Mathematics–science links in the secondary school: Ratio and proportion. Part 2	*Jan 82*
Watson, F. R.	Teaching "HTU": some thoughts on place value and the Dienes MAB materials	*Jan 82*
Wilson, B.	Primary guidelines	*Nov 82*

Features and reports

Diploma in Mathematical Education: awards *Mar 82*
Letters to the editors *Jan 82, Mar 82, May 82, Sep 82, Nov 82*
Mathematics for the middle years: a spiral development–Part 5 *Jan 82*
Part 6 *Mar 82, May 82, Sep 82, Nov 82*
National mathematics contest results 1981 *Nov 82*
Puzzles, pastimes, problems (by D. B. Eperson) *Jan 82, Mar 82, May 82, Sep 82, Nov 82*
Tips for teachers (by F. R. Watson) *Jan 82, May 82, Sep 82, Nov 82*

Miscellany

Attwood, G. B. and Yih, D.	Divisibility rules	*Mar 82*
Austin, K.	Try simple cases	*Jan 82*
Banyard, R. D. G.	Fractionation column	*Mar 82*
Bidwell, J. K.	More on "Dice-schmice"	*Mar 82*
Booth, L. R.	Sums and brackets	*Nov 82*
Edge, J.	Which hexominoes are nets of cubes?	*Sep 82*
Greenbury, G. J.	Unusual trigonometric proofs	*Jan 82*
Greenbury, G. J.	Divisibility tests	*Nov 82*
Hanley, A.	Subtraction practice games	*Sep 82*
Salisbury, A. J.	Some strategy games using Desargue's Theorem	*Jan 82*
Salisbury, A. J.	What about 0° then?	*Mar 82*
Seka, B. R.	Number fun	*Nov 82*
Stephenson, P.	A logarithmic spiral by paper folding	*Nov 82*

Book reviews

Author	*Title*	*Reviewer*	*Issue*
Averbach, B. and Chein, O.	Problem Solving through Recreational Mathematics	M. E. Mortimer	*Jan 82*
Barrett, W. G. and Hollis, R. G.	Cassell's Maths Topics	M. Parker	*May 82*
Bolt, B.	Mathematical Activities	C. E. Wildbore	*Sep 82*
Boucher, J., Clark, M. and Hollands, R.	Hey Mathematics	M. Adams	*Sep 82*
Brighouse, A., Godber, D. and Patilla, P.	Peak Mathematics	A. Claire	*Sep 82*
Cairns, M. A.	Content Analysis of 3 Junior Mathematics schemes	D. J. Winteridge	*Jan 82*
Craddock, P. and Haskins, A. R.	Introduction to Computer Studies	M. J. Puddephat	*Nov 82*
Devine, F.	Basic Statistics. A step-by-step guide	M. Idle	*Mar 82*
Edwards, R. and Clark, J.	Photo Maths	C. E. Wildbore	*Mar 82*
Eves, H.	Great Moments in Mathematics	D. M. Neal	*Mar 82*
Green, D.	Can you Calculate?	M. J. Puddephat	*Jan 82*
James, E.	Maths Master 1	M. E. Mortimer	*May 82*
Kosniowski, C.	Conquer that Cube	M. Davies	*Mar 82*
Latham, P. and Trelove, P.	Nuffield Mathematics 4	J. Arnold	*Nov 82*
Mason, J., Burton, L. and Stacey, K.	Thinking Mathematically	J. Morris	*Nov 82*
Neil, H. and Shuard, H.	Teaching Calculus	D. M. Neal	*Nov 82*
Paxton, F. and Lusk, I.	Test and Check: Addition and Subtraction	B. Young	*May 82*
P.O.S.E.	Statistics in Your World	C. Wildbore	*Jan 82*
Singmaster, D.	Notes on Rubik's Magic Cube	M. Davies	*Mar 82*
Slater, J. D.	Target Mathematics	D. R. C. Finney	*Jan 82*
Smith, J.	Tackling Tables	L. C. Verduyn	*May 82*
SMP	SMP In-Service Resource Kits	D. M. Neal	*Sep 82*
SMP	Individualised Mathematics	D. M. Neal	*Jan 82*
Stanfield, J. and Cwirko-Godycki, J.	Impact Maths 1	D. M. Neal	*May 82*
Tansley, A. E. and Smith, B. J.	Racing to Maths 1–6	L. C. Verduyn	*Nov 82*
Taylor, D.	Mastering Rubik's Cube	M. Davies	*Mar 82*
Taylor, D. C. and Atkinson, I. S.	Essential Mathematics for 'A' Level	C. F. Jones	*Mar 82*